

I/WE CLAIM:

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5 1. A waterproof grommet comprising:
 a first member having a first sealing part formed on
 the inner surface of at least one through-hole through which
 an electrical wire that connects a contact is passed, and
 which can adhere tightly to the electrical wire;

10 a second member having a second sealing part which is
 formed on the outer circumferential surface of the through-
 hole, and which can adhere tightly to a connector housing;
 and

15 the first member having the first sealing part is
 formed from an elastic material that has a lower hardness
 than the hardness of the second member having the second
 sealing part.

20 2. The waterproof grommet of Claim 1 wherein the second
 member has an insertion opening with a tapered shape and is
 disposed at the insertion entry point for the contact in
 the through-hole.

25 4. *x*. The waterproof grommet of Claim 1 wherein the first
 member and the second member are formed as an integral unit
 by two-color molding.

30 3. *x*. The waterproof grommet of Claim 2 wherein the first
 member and the second member are formed as an integral unit
 by two-color molding.

35 5. The waterproof grommet of Claim 1 wherein the
 second member has at least one recessed part which is used
 to align a contact cavity formed in the connector housing
 with the through-hole by engaging with at least one

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protruding part formed on a waterproof grommet supporting member; and

the recessed part(s) are formed so that the distances between the recessed part(s) and the outer circumferential surface are substantially the same, and so that the distances between the recessed part(s) and the through-hole(s) are substantially the same.

6. The waterproof grommet of Claim 5 wherein the
10 waterproof grommet supporting member is a waterproof grommet cap that is separate from the connector housing.

13 7. A waterproof grommet comprising:

a first member having a first sealing part formed on the inner surface of at least one through-hole through which an electrical wire that connects a contact is passed, and which can adhere tightly to the electrical wire;

a second member having a second sealing part which is formed on the outer circumferential surface of the through-hole, and which can adhere tightly to a connector housing;

the first member having the first sealing part is formed from an elastic material that has a lower hardness than the hardness of the second member having the second sealing part;

25 the first member and the second member are formed as an integral unit by two-color molding;

the second member has at least one recessed part which is used to align a contact cavity formed in the connector housing with the through-hole by engaging with at least one protruding part formed on a waterproof grommet supporting member; and

35 the recessed part(s) are formed so that the distances between the recessed part(s) and the outer circumferential surface are substantially the same, and so that the distances between the recessed part(s) and the through-

hole(s) are substantially the same.

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8. The waterproof grommet of Claim 7 wherein the
5 waterproof grommet supporting member is a waterproof grommet
cap that is separate from the connector housing.

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9. A waterproof grommet comprising:

a first member having a first sealing part formed on
10 the inner surface of at least one through-hole through which
an electrical wire that connects a contact is passed, and
which can adhere tightly to the electrical wire;

a second member having a second sealing part which is
formed on the outer circumferential surface of the through-
hole, and which can adhere tightly to a connector housing;

the first member having the first sealing part formed
from an elastic material that has a lower hardness than the
hardness of the second member having the second sealing
part;

the second member having an insertion opening with a
tapered shape and disposed at the insertion entry point for
the contact in the through-hole, and has at least one
recessed part which is used to align a contact cavity formed
in the connector housing with the through-hole by engaging
25 with at least one protruding part formed on a waterproof
grommet supporting member; and

the recessed part(s) are formed so that the distances
between the recessed part(s) and the outer circumferential
surface are substantially the same, and so that the
30 distances between the recessed part(s) and the through-
hole(s) are substantially the same.

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10. The waterproof grommet of Claim 9 wherein the first
member and the second member are formed as an integral unit
35 by two-color molding.

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21. The waterproof grommet of Claim 9 wherein the waterproof grommet supporting member is a waterproof grommet cap that is separate from the connector housing.

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22. The waterproof grommet of Claim 10 wherein the waterproof grommet supporting member is a waterproof grommet cap that is separate from the connector housing.

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